

Figure 1A

ClustalW DNA Sequence Alignment of *sasB*-B Amplicons
from 38 *Bacillus anthracis* Strains

	1	15	16	30	31	45	46	60	61	75	76	90
1 Bapast	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
2 Bare1	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
3 NMRI#67	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
4 NMRI#63	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
5 NMRI#62	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
6 NMRI#60	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
7 NMRI#1	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
8 NMRI#2	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
9 NMRI#4	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
10 NMRI#5	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
11 NMRI#6	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
12 NMRI#10	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
13 NMRI#11	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
14 NMRI#18	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
15 NMRI#19	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
16 NMRI#20	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
17 NMRI#22	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
18 NMRI#23	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
19 NMRI#24	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
20 NMRI#25	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
21 NMRI#26	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
22 NMRI#28	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
23 NMRI#32	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
24 NMRI#35	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
25 NMRI#36	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
26 NMRI#38	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
27 NMRI#39	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
28 NMRI#40	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
29 NMRI#41	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
30 NMRI#42	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
31 NMRI#43	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
32 NMRI#50	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
33 NMRI#52	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
34 NMRI#53	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
35 NMRI#54	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
36 NMRI#55	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
37 NMRI#56	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						
38 NMRI#59	AACAAGGCAACTTCT	GGTGCTAGCATTC	CAAGCACAATGCTAGT	TATGGTACAGAGTTT	CGGACTGAAACAAAT	GTACAAAGCAGTAAAA						

Figure 1B

ClustalW DNA Sequence Alignment of *sasp-B* Amplicons
from 38 *Bacillus anthracis* Strains

	91	105	106	120	121	135	136	150	151	165	166	180
1 Bapast	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
2 Barecl	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
3 NMRI#67	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
4 NMRI#63	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
5 NMRI#62	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
6 NMRI#60	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
7 NMRI#1	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
8 NMRI#2	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
9 NMRI#4	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
10 NMRI#5	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
11 NMRI#6	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
12 NMRI#10	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
13 NMRI#11	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
14 NMRI#18	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
15 NMRI#19	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
16 NMRI#20	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
17 NMRI#22	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
18 NMRI#23	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
19 NMRI#24	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
20 NMRI#25	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
21 NMRI#26	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
22 NMRI#28	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
23 NMRI#32	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
24 NMRI#35	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
25 NMRI#36	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
26 NMRI#38	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
27 NMRI#39	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
28 NMRI#40	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
29 NMRI#41	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
30 NMRI#42	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
31 NMRI#43	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
32 NMRI#50	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
33 NMRI#52	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
34 NMRI#53	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
35 NMRI#54	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
36 NMRI#55	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
37 NMRI#56	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						
38 NMRI#59	CAAGCAAAACGCACAA	TCAGAAAGCTAAGAAA	GCGCAAGCTTCTGGT	GCTAGCATTCAAAAGC	ACAAATGCTAGTTAT	GGTACAGAAATTTGCA						

insertion region

Figure 1C

ClustalW DNA Sequence Alignment of *sasp-B* Amplicons
from 38 *Bacillus anthracis* Strains

	181	195 196	210 211	225 226	240
1 Bapst	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 13)
2 Bare1	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 14)
3 NMRI#67	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 15)
4 NMRI#63	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 16)
5 NMRI#62	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 17)
6 NMRI#60	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 18)
7 NMRI#1	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 19)
8 NMRI#2	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 20)
9 NMRI#4	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 21)
10 NMRI#5	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 22)
11 NMRI#6	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 23)
12 NMRI#10	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 24)
13 NMRI#11	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 25)
14 NMRI#18	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 26)
15 NMRI#19	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 27)
16 NMRI#20	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 28)
17 NMRI#22	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 29)
18 NMRI#23	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 30)
19 NMRI#24	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 31)
20 NMRI#25	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 32)
21 NMRI#26	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 33)
22 NMRI#28	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 34)
23 NMRI#32	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 35)
24 NMRI#35	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 36)
25 NMRI#36	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 37)
26 NMRI#38	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 38)
27 NMRI#39	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 39)
28 NMRI#40	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 40)
29 NMRI#41	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 41)
30 NMRI#42	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 42)
31 NMRI#43	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 43)
32 NMRI#50	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 44)
33 NMRI#52	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 45)
34 NMRI#53	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 46)
35 NMRI#54	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 47)
36 NMRI#55	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 47)
37 NMRI#56	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 49)
38 NMRI#59	ACTGAAACAGACG	TG CATGCTGTG	AAAAA CAAAATG	CACAATCA	GCTGCAAAACAA (SEQ ID NO: 50)

Figure 2A

Drawing ClustalW Global *sasp-B* DNA Sequence Alignment of *Bacillus anthracis*,
Bacillus thuringiensis and *Bacillus cereus* Strains

	1	15	16	30	31	45	46	60	61	75	76	90
1 NMRI#15	AACAAGGCAACTTCT	GGCGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
2 1B	AACAAGGCAACTTCT	GGCGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
3 003	AACAAGGCAACTTCT	GGCGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
4 III	AACAAGGCAACTTCT	GGCGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
5 IV	AACAAGGCAACTTCT	GGCGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
6 BtB	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
7 BtY	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
8 4A1	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
9 BtV	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
10 BtZ	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
11 Beer3	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
12 1B/A	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
13 Beerpub	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
14 BtI	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
15 BtU	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
16 BtS	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
17 BtR	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
18 BtL	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
19 BtO	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
20 BtJ	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
21 4J2	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
22 BtG	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
23 BtI	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
24 Beer2	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
25 BtC	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
26 BtE2	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
27 BtE4	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
28 BtK	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
29 BtM	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
30 BtN	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
31 BtP	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
32 BtX	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
33 Beer1	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
34 BtQ	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
35 BtW	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
36 Bc #57	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						
37 Ba #11	AACAAGGCAACTTCT	GGTGTAGCATTCAA	AGTACAAATGCTAGT	TATGGTACAGAGTTT	TCAACTGAAACAGAT	GTGCAAGCAGTAAAA						

Figure 2B

Drawing ClustalW Global *sas*-B DNA Sequence Alignment of *Bacillus anthracis*,
Bacillus thuringiensis and *Bacillus cereus* Strains

	91	105	106	120	121	135	136	150	151	165	166	180
1 NMRI#15	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
2 1B	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
3 003	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
4 III	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
5 IV	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
6 BtB	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
7 BtY	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
8 4A1	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
9 BtV	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
10 BZ	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
11 Beer3	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
12 1B/A	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
13 Beerpub	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
14 BtT	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
15 BtU	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
16 BtS	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
17 BtR	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
18 BtL	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
19 BtO	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
20 BtJ	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
21 4J2	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
22 BtG	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
23 BtI	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
24 Beer2	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
25 BtC	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
26 BtE2	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
27 BtE4	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
28 BtK	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
29 BtM	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
30 BtN	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
31 BtP	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
32 BtX	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
33 Beer1	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
34 BtQ	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
35 BtW	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
36 NMRI#57	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GCACAAGCTTCTGGT	GCA	-----	CAAAGT	GCAAAACGCTAGTTAT	GGTACTGAATTTGCA				
37 NMRI#11	CAAGCAAAATGCACAA	TCAGAAAGCAAAAGAAA	GGCAAGCTTCTGGT	GCTAGCATTC	CAAAAGC	ACAAATGCTAGTTAT	GGTACTGAATTTGCA					

Figure 2C

Drawing ClustalW Global *sasp-B* DNA Sequence Alignment of *Bacillus anthracis*,
Bacillus thuringiensis and *Bacillus cereus* Strains

	181	195 196	210 211	225 226	240
1 NMRI#15	ACTGAAACAGATGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 51)
2 IB	ACTGAAACAGATGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 52)
3 003	ACTGAAACAGATGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 53)
4 III	ACTGAAACAGATGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 54)
5 IV	ACTGAAACAGATGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 55)
6 BtB	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 56)
7 BtY	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 57)
8 4A1	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 58)
9 BtV	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 59)
10 BtZ	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 60)
11 Beer3	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 61)
12 IB/A	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 62)
13 Beerpub	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 63)
14 BtT	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 64)
15 BtU	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 65)
16 BtS	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 66)
17 BtR	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 67)
18 BtL	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 68)
19 BtO	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 69)
20 BtJ	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 70)
21 4J2	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 71)
22 BtG	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 72)
23 BtI	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 73)
24 Beer2	ACTGAAACAGACGTG	CATTCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 74)
25 BtC	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 75)
26 BtE2	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 76)
27 BtE4	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 77)
28 BtK	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 78)
29 BtM	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 79)
30 BtN	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 80)
31 BtP	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 81)
32 BtX	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 82)
33 Beer1	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 83)
34 BtQ	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 84)
35 BtW	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 85)
36 NMRI#57	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCTAAAGTCA	GCTGCAAAACAA	(SEQ ID NO: 86)
37 NMRI#11	ACTGAAACAGACGTG	CATGCTGTGAAAAAA	CAAAATGCACAAATCA	GCTGCAAAACAA	(SEQ ID NO: 87)

Figure 3 *Bacillus globigii* specific PCR targeting Bg sasp-gamma

Alignment of *B. subtilis* sasp-gamma sequence (from GeneBank) with *B. globigii* sequence (upper strand) showing the location of the primer sequences and how their sequence compares to the (known) *B. subtilis* sequence:

